



ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

| Title of Invention | CLAMP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|----------|------------|------------|-------------|------|-------|----------|----------|------------|------|----------|------|-------|----------|----|---|---------|------------|-------|--|--|--|----|---|---------|------------|-----------|--|--|--|----|---|---------|------------|---------|--|--|--|----|---|---------|------------|------------|--|--|--|----|---|---------|------------|---------|--|--|--|----|---|---------|------------|-----|--|--|--|----|---|---------|------------|--------|--|--|--|----|---|---------|------------|---------|--|--|--|----|---|---------|------------|---------|--|--|--|----|----|---------|------------|--------|--|--|--|----|----|---------|------------|---------|--|--|--|----|----|---------|------------|-------|--|--|--|----|----|---------|------------|-------------|--|--|--|
| <p>Application Number: 10/815334</p> <p>Confirmation Number: 7547</p> <p>First Named Applicant: George Franks</p> <p>Attorney Docket Number: 79881</p> <p>Art Unit: 3632</p> <p>Search string: (0116632 or 1205496 or 1390152 or 1793140 or 1859561 or 2076359 or 2131171 or 2247867 or 2418885 or 2466083 or 2481610 or 2781212 or 3309475 or 3629909 or 3960461 or 4407471 or 4461059 or 4477948 or 4592117 or 4637098 or 4738006 or 4939821 or 5050273 or 5142745 or 5209439 or D342439 or D342664 or D344445 or 5322132 or 6401309).pn.</p> <p>US Patent Documents</p> <p>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</p> <table border="1"><thead><tr><th>init</th><th>Cite.No.</th><th>Patent No.</th><th>Date</th><th>Patentee</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td>AK</td><td>1</td><td>0116632</td><td>1871-07-04</td><td>Riley</td><td></td><td></td><td></td></tr><tr><td>AK</td><td>2</td><td>1205496</td><td>1916-11-21</td><td>Whitehead</td><td></td><td></td><td></td></tr><tr><td>AK</td><td>3</td><td>1390152</td><td>1921-09-06</td><td>Miltner</td><td></td><td></td><td></td></tr><tr><td>AK</td><td>4</td><td>1793140</td><td>1931-02-17</td><td>Steinmayer</td><td></td><td></td><td></td></tr><tr><td>AK</td><td>5</td><td>1859561</td><td>1932-05-24</td><td>Haworth</td><td></td><td></td><td></td></tr><tr><td>AK</td><td>6</td><td>2076359</td><td>1937-04-06</td><td>Bay</td><td></td><td></td><td></td></tr><tr><td>AK</td><td>7</td><td>2131171</td><td>1938-09-27</td><td>Fotsch</td><td></td><td></td><td></td></tr><tr><td>AK</td><td>8</td><td>2247867</td><td>1941-07-01</td><td>Baumann</td><td></td><td></td><td></td></tr><tr><td>AK</td><td>9</td><td>2418885</td><td>1947-04-15</td><td>Houston</td><td></td><td></td><td></td></tr><tr><td>AK</td><td>10</td><td>2466083</td><td>1949-04-05</td><td>Crosby</td><td></td><td></td><td></td></tr><tr><td>AK</td><td>11</td><td>2481610</td><td>1949-09-13</td><td>Meighan</td><td></td><td></td><td></td></tr><tr><td>AK</td><td>12</td><td>2781212</td><td>1957-02-12</td><td>Jugle</td><td></td><td></td><td></td></tr><tr><td>AK</td><td>13</td><td>3309475</td><td>1967-03-14</td><td>Butler, Jr.</td><td></td><td></td><td></td></tr></tbody></table> | | | | | | | init | Cite.No. | Patent No. | Date | Patentee | Kind | Class | Subclass | AK | 1 | 0116632 | 1871-07-04 | Riley | | | | AK | 2 | 1205496 | 1916-11-21 | Whitehead | | | | AK | 3 | 1390152 | 1921-09-06 | Miltner | | | | AK | 4 | 1793140 | 1931-02-17 | Steinmayer | | | | AK | 5 | 1859561 | 1932-05-24 | Haworth | | | | AK | 6 | 2076359 | 1937-04-06 | Bay | | | | AK | 7 | 2131171 | 1938-09-27 | Fotsch | | | | AK | 8 | 2247867 | 1941-07-01 | Baumann | | | | AK | 9 | 2418885 | 1947-04-15 | Houston | | | | AK | 10 | 2466083 | 1949-04-05 | Crosby | | | | AK | 11 | 2481610 | 1949-09-13 | Meighan | | | | AK | 12 | 2781212 | 1957-02-12 | Jugle | | | | AK | 13 | 3309475 | 1967-03-14 | Butler, Jr. | | | |
| init | Cite.No. | Patent No. | Date | Patentee | Kind | Class | Subclass | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AK | 1 | 0116632 | 1871-07-04 | Riley | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AK | 2 | 1205496 | 1916-11-21 | Whitehead | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AK | 3 | 1390152 | 1921-09-06 | Miltner | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AK | 4 | 1793140 | 1931-02-17 | Steinmayer | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AK | 5 | 1859561 | 1932-05-24 | Haworth | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AK | 6 | 2076359 | 1937-04-06 | Bay | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AK | 7 | 2131171 | 1938-09-27 | Fotsch | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AK | 8 | 2247867 | 1941-07-01 | Baumann | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AK | 9 | 2418885 | 1947-04-15 | Houston | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AK | 10 | 2466083 | 1949-04-05 | Crosby | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AK | 11 | 2481610 | 1949-09-13 | Meighan | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AK | 12 | 2781212 | 1957-02-12 | Jugle | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AK | 13 | 3309475 | 1967-03-14 | Butler, Jr. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | |
|----|----|---------|------------|------------------|
| AK | 14 | 3629909 | 1971-12-28 | Riley |
| AK | 15 | 3960461 | 1976-06-01 | Sachs |
| AK | 16 | 4407471 | 1983-10-04 | Wilmsmann et al. |
| AK | 17 | 4461059 | 1984-07-24 | Bury |
| AK | 18 | 4477948 | 1984-10-23 | Sachs |
| AK | 19 | 4592117 | 1986-06-03 | Ruehl et al. |
| AK | 20 | 4637098 | 1987-01-20 | Okura et al. |
| AK | 21 | 4738006 | 1988-04-19 | Juarez |
| AK | 22 | 4939821 | 1990-07-10 | Frank, Jr. |
| AK | 23 | 5050273 | 1991-09-24 | Okura |
| AK | 24 | 5142745 | 1992-09-01 | Setty et al. |
| AK | 25 | 5209439 | 1993-05-11 | Coll |
| AK | 26 | D342439 | 1993-12-21 | Sachs |
| AK | 27 | D342664 | 1993-12-28 | Sachs |
| AK | 28 | D344445 | 1994-02-22 | Sachs |
| AK | 29 | 5322132 | 1994-06-21 | Franks, Jr. |
| AK | 30 | 6401309 | 2002-06-11 | Yang |

Signature

| Examiner Name | Date |
|---------------|------------|
| /Anita King/ | 02/09/2006 |



| | | | | | |
|---|---|----------------------|---|-----------------------|-------|
| PTO/SB/08A Substitute for Form PTO-1449 | | Application Number | | 10/815,334 | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) | | Filing Date | | April 1, 2004 | |
| | | First Named Inventor | | George J. FRANKS, JR. | |
| | | Art Unit | | 3632 | |
| | | Examiner Name | | Not yet assigned | |
| Sheet | 1 | of | 3 | Attorney Docket | 79881 |

| U.S. PATENT DOCUMENTS | | | | | |
|-----------------------|--------------------------|-------------------------------|--------------------------------|--|--|
| Examiner Initials* | Cite No. ¹ | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear |
| | | Number-Kind Code ² | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

| FOREIGN PATENT DOCUMENTS | | | | | | |
|--------------------------|--------------------------|--|--------------------------------|--|--|----------------|
| Examiner Initials * | Cite No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear | T ⁶ |
| | | Country Code ³ -Number ⁴ -Kind Code ⁵ | | | | |
| AK | | CA-460,649 | 10/25/1949 | Zieschang et al. | | |
| AK | | GB-747,691 | 04/11/1956 | Francis et al. | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

| | | | |
|-----------------------|--------------|--------------------|------------|
| Examiner Signature | /Anita King/ | Date Considered | 02/09/2006 |
|-----------------------|--------------|--------------------|------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.
³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

| | | | | | |
|---|---|----------------------|-----------------------|-----------------|-------|
| PTO/SB/08B Substitute for Form PTO-1449 INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i> | | Application Number | 10/815,334 | | |
| | | Filing Date | April 1, 2004 | | |
| | | First Named Inventor | George J. FRANKS, JR. | | |
| | | Art Unit | 3632 | | |
| | | Examiner Name | Not yet assigned | | |
| Sheet | 2 | of | 3 | Attorney Docket | 79881 |

| NON PATENT LITERATURE DOCUMENTS | | | | |
|--|-----------------------|--|-----------------|------------|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published | T ² | |
| AK | 1. | Thomas & Betts "Product Handbook" (1998) (pp. cover, 1, 20-23, 110-119, 142, and 143). | | |
| | 2. | Sachs Communications Inc., product brochure (1995) (pp. cover, 2, 3, 30-33, 40, 41, 44-47, 56-59, 70, 71, and 104B-107). | | |
| | 3. | Sachs Canada Inc., product literature entitled "DH-1" (1991) (1 page). | | |
| | 4. | Sachs Canada Inc., product literature entitled "Dead-End House Attachment" (1991) (1 page). | | |
| | 5. | Sachs Canada Inc., product literature entitled "Sax Info Industry & Product News" for "Universal Messenger Drop Clamp SC02MFA" (1993) (1 page). | | |
| | 6. | Sachs Canada Inc., product literature entitled "SC02MFA Drop Clamp Application" (1993) (1 page). | | |
| | 7. | Diamond/Sachs Communications Inc., product literature entitled "SC02MFA-2SS Application Procedures" (date prior to August 22, 2001) (1 page). | | |
| | 8. | Sachs Canada Inc., product literature entitled "SC02MF Messenger Drop Clamp Application" (1991) (1 page). | | |
| | 9. | Sachs Canada Inc., product literature entitled "SC02 Non-Messenger Drop Clamp Application" (1991) (1 page). | | |
| | 10. | Sachs Communications Inc., product literature entitled "Universal Drop Wire Clamp SC02-TAC" (date prior to August 22, 2001) (1 page). | | |
| | 11. | Sachs product literature entitled "SC02-TAC Application" (date prior to August 22, 2001) (1 page). | | |
| | 12. | Sachs Canada Inc., product literature entitled "DH-13" (1991) (1 page). | | |
| ✓ | 13. | Sachs Canada Inc., product literature entitled "Span Clamp Attachment Using Non-Messengered Drop" (1991) (1 page). | | |
| Examiner Signature | | /Anita King/ | Date Considered | 02/09/2006 |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

